

TI SERIES AMORPHOUS ALLOY

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Abstract of JP6264200

PURPOSE: To produce a high strength Ti series amorphous alloy excellent in amorphousness formability. CONSTITUTION: This Ti series amorphous alloy has a compen. shown by the formula: $Ti_{100-x-y-z}Cu_xNi_yM_z$ [in the formula, M denotes one or two kinds of elements selected from the group of Zr and Hf, and, by atomic %, $15 \leq x \leq 40$, $0 < y \leq 30$, $5 \leq z \leq 40$ and $30 \leq x+y+z \leq 70$ are satisfied]. In this way, the objective Ti series amorphous alloys having various shapes can be produced.

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